

WHAT IS CLAIMED IS;

1. An indicator provided for a vehicle, the indicator comprising:

a polarized light splitter which penetrates and reflects  
5 an un-polarized light irradiated from a light source and divides the un-polarized light into a p-polarized light whose oscillation direction of an electric field is parallel to a incidence plane of the polarized light splitter and an s-polarized light whose oscillation direction of an electric  
10 field is perpendicular to the incidence plane, wherein

at least one of the p-polarized light and s-polarized light is emitted from the polarized light splitter as a horizontal polarized light whose oscillation direction of an electric field is substantially parallel to a ground.

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2. The indicator according to claim 1 further comprising:

a converter converting the p-polarized light into the s-polarized light or s-polarized light into the p-polarized light, wherein

20 at least one of the p-polarized light and s-polarized light is emitted from the polarized light splitter as a first horizontal polarized light whose oscillation direction of an electric field is substantially parallel to a ground, and  
the other of the p-polarized light and s-polarized light  
25 is emitted from the polarized light splitter as a second horizontal polarized light whose oscillation direction of an

electric field is substantially parallel to a ground after changing the polarization direction by the converter.

3. The indicator according to claim 1, wherein  
5 the polarized light splitter is a polarized beam splitter.

4. The indicator according to claim 2, wherein  
the polarized light splitter is a polarized beam splitter.

10 5. The indicator according to claim 2, wherein  
the converter is a half-wave plate.

6. The indicator according to claim 4, wherein  
the converter is a half-wave plate.

15 7. The indicator according to claim 1, wherein  
the indicator is provided on the vehicle body positioned  
in the vicinity of a center line of a road.

20 8. The indicator according to claim 2, wherein  
the indicator is provided on the vehicle body positioned  
in the vicinity of a center line of a road.

25 9. The indicator according to claim 3, wherein  
the indicator is provided on the vehicle body positioned  
in the vicinity of a center line of a road.

10. The indicator according to claim 4, wherein  
the indicator is provided on the vehicle body positioned  
in the vicinity of a center line of a road.

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11. The indicator according to claim 5, wherein  
the indicator is provided on the vehicle body positioned  
in the vicinity of a center line of a road.

10 12. The indicator according to claim 6, wherein  
the indicator is provided on the vehicle body positioned  
in the vicinity of a center line of a road.

15 13. A vehicle equipped with an indicator of claim 1, wherein  
the indicator is provided at a driver's seat side of a body  
of the vehicle.

14. An indicator provided for a vehicle, the indicator  
comprising:

20 a light source which emits an un-polarized light;  
a collimator which makes the un-polarized light  
irradiated from the light source into parallel beams of light  
by making angles of irradiation in alignment with one another;  
a polarized light splitter which splits the un-polarized  
25 light passed through the collimator into a p-polarized light  
whose oscillation direction of an electric field is parallel

to a incidence plane of the polarized light splitter and an s-polarized light whose oscillation direction of an electric field is perpendicular to the incidence plane;

5 a polarization adjustor which emits at least one of the p-polarized light and s-polarized light as a horizontal polarized light whose oscillation direction of an electric field is substantially parallel to a ground.